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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/809,689 |
| | Filing Date | March 25, 2004 |
| | First Named Inventor | Mark Larche |
| | Art Unit | 1644 |
| | Examiner Name | N. M. Rooney |
| Total Number of Pages in This Submission | Attorney Docket Number | 2004(217246) |

ENCLOSURES (Check all that apply)

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): IDS (Citation) by Applicant (21 References) (2 pages) Certificate of Express Mailing (1 pg) Charge \$180.00 to Deposit Account 04-1105 Return Receipt Postcard |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|-----------------------------------|----------|--------|
| Firm Name | EDWARDS ANGELL PALMER & DODGE LLP | | |
| Signature | | | |
| Printed name | Matthew M. Beaudet | | |
| Date | April 24, 2007 | Reg. No. | 50,649 |



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|---|--|--------------------------|----------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2007 | | Complete if Known | |
| | | Application Number | 10/809,689 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Filing Date | March 25, 2004 |
| TOTAL AMOUNT OF PAYMENT (\$) 180.00 | | First Named Inventor | Mark Larche |
| | | Examiner Name | N. M. Rooney |
| | | Art Unit | 1644 |
| | | Attorney Docket No. | 2004(217246) |

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| METHOD OF PAYMENT (check all that apply) | |
| <input type="checkbox"/> Check | <input type="checkbox"/> Credit Card |
| <input type="checkbox"/> Money Order | <input type="checkbox"/> None |
| <input type="checkbox"/> Other (please identify): _____ | |
| <input checked="" type="checkbox"/> Deposit Account | Deposit Account Number: <u>04-1105</u> Deposit Account Name: <u>Edwards Angell Palmer & Dodge LLP</u> |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

| | | | | | | | |
|---|---------------------|---|--------------------|----------------------|--------------------------------------|-----------------------|-----------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
| | | <u>Small Entity</u> | | <u>Small Entity</u> | | <u>Small Entity</u> | |
| Application Type | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES | | | | | | | |
| | | | | | | Small Entity | |
| | | | | | | Fee (\$) | Fee (\$) |
| Each claim over 20 (including Reissues) | | | | | | 50 | 25 |
| Each independent claim over 3 (including Reissues) | | | | | | 200 | 100 |
| Multiple dependent claims | | | | | | 360 | 180 |
| Total Claims | | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | | |
| - = | | x | = | | Fee (\$) Fee Paid (\$) | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | | |
| Indep. Claims | | Extra Claims | Fee (\$) | Fee Paid (\$) | | | |
| - = | | x | = | | | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | | Fee (\$) | Fee Paid (\$) | | |
| - 100 = | /50 | (round up to a whole number) x | | = | | | |
| 4. OTHER FEE(S) | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | Fees Paid (\$) | |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement | | | | | | 180.00 | |

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|---------------------|--------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 50,649 |
| Name (Print/Type) | Matthew M. Beaudet | Telephone | (617) 239-0614 |
| | | Date | April 24, 2007 |

Application No.: 10/809,689

1

Docket No.: 2004(217246)



Docket No.: 2004(217246)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mark Larche et al.

Application No.: 10/809,689

Confirmation No.: 7876

Filed: March 25, 2004

Art Unit: 1644

For: Methods and Compositions for
Desensitization

Examiner: N. M. Rooney

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

04/27/2007 SLUANG1 00000029 041105 10809689

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In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is given.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 2004(217246). A duplicate copy of this paper is enclosed.

Dated: April 24, 2007

Respectfully submitted,

By

Matthew M. Beaudet

Registration No.: 50,649

EDWARDS ANGELL PALMER & DODGE LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 239-0614

Attorneys/Agents For Applicant



Application No. (if known): 10/809,689

Attorney Docket No.: 2004(217246)

Certificate of Express Mailing Under 37 CFR 1.10

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Alyson J. Lucas

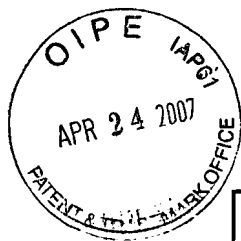
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Fee Transmittal (1 page)
IDS (Citation) by Applicant (21 References) (2 pages)
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PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/809,689 |
| | | | | Filing Date | March 25, 2004 |
| | | | | First Named Inventor | Mark Larche |
| | | | | Art Unit | 1644 |
| | | | | Examiner Name | N. M. Rooney |
| Sheet | 1 | of | 2 | Attorney Docket Number | 2004(217246) |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA* | US-5,547,669 | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | BA | WO-91/06571 | 05-16-1991 | Gefter, et al. | | |
| | BB | WO-92/11859 | 07-23-1992 | Lamb, et al. | | |
| | BC | WO-93/08280 | 04-29-1993 | Rogers, et al. | | |
| | BD | WO-93/19178 | 09-30-1993 | Gefter, et al. | | |
| | BE | WO-94/24281 | 10-27-1994 | Garman, et al. | | |
| | BF | WO-94/27634 | 12-08-1994 | Thomas, W.R. | | |
| | BG | WO-95/26980 | 10-12-1995 | Hackett, et al. | | |
| | BH | WO-96/07428 | 03-14-1996 | Gefter, et al. | | |
| | BI | WO-97/35193 | 09-25-1997 | Kay, et al. | | |
| | BJ | EP-0923940 | 06-23-1999 | Sone, et al. | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|--------------------------|---|----------------|--|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | CA | Akdis, et al., "Epitope-specific T Cell Tolerance to Phospholipase A2 in Bee Venom Immunotherapy and Recovery by IL-2 and IL-15 In Vitro" (1996) <i>J.Clin.Invest.</i> 98 :1676-1683. | | |
| | CB | Barnes, et al., "Therapeutic Strategies for Allergic Diseases" (1999) <i>Nature</i> 402 : B31-B38. | | |
| | CC | Bauer, et al., "Modulation of the Allergic Immune Response in BALB/c Mice by Subcutaneous Injection of High Doses of the Dominant T Cell Epitope from the Major Birch Pollen Allergen Bet v 1" (1997) <i>Clin.Exp.Immunol.</i> 107 :536-541. | | |
| | CD | Cao, et al., "Vaccination with a Multi-epitopic Recombinant Allergen Induces Specific Immune Deviation via T-cell Anergy" (1997) <i>Immunology</i> 90 :46-51. | | |
| | CE | Evavold, B.D. and Allen, P.M., "Separation of IL-4 Production from Th Cell Proliferation by an Altered T Cell Receptor Ligand" (1991) <i>Science</i> 252 :1308-1310. | | |
| | CF | Higgins, et al., "Overlapping T-cell Epitopes in the Group I Allergen of <i>Dermatophagoides</i> Species Restricted by HLA-DP and HLA-DR Class II Molecules" (1994) <i>J.Allergy. Clin. Immunol.</i> 93 :891-899. | | |
| | CG | Hogger and Rohdewald, "Binding Kinetics of Fluticasone Propionate to the Human Glucocorticoid Receptor" (1994) <i>Steroid</i> 59 :597-602. | | |
| | CH | Sloan-Lancaster, et al., "Induction of T-cell Anergy by Altered T-cell-receptor Ligand on Live Antigen-presenting Cells" (1993) <i>Nature</i> 363 :156-159. | | |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|



PTO/SB/08A/B (09-06)

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| | | | | Filing Date | March 25, 2004 |
| | | | | First Named Inventor | Mark Larche |
| | | | | Art Unit | 1644 |
| | | | | Examiner Name | N. M. Rooney |
| Sheet | 2 | of | 2 | Attorney Docket Number | 2004(217246) |

| | | |
|----|--|--|
| CI | Smilek, et al., "A Single Amino Acid Change in a Myelin Basic Protein Peptide Confers the Capacity to Prevent Rather Than Induce Experimental Autoimmune Encephalomyelitis" (1991) <i>PNAS</i> 88 :9633-9637. | |
| CJ | Wheeler & Drachenberg., "New Routes and Formulations for Allergen-specific Immunotherapy" (1997) <i>Allergy</i> 52 :602-612. | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|